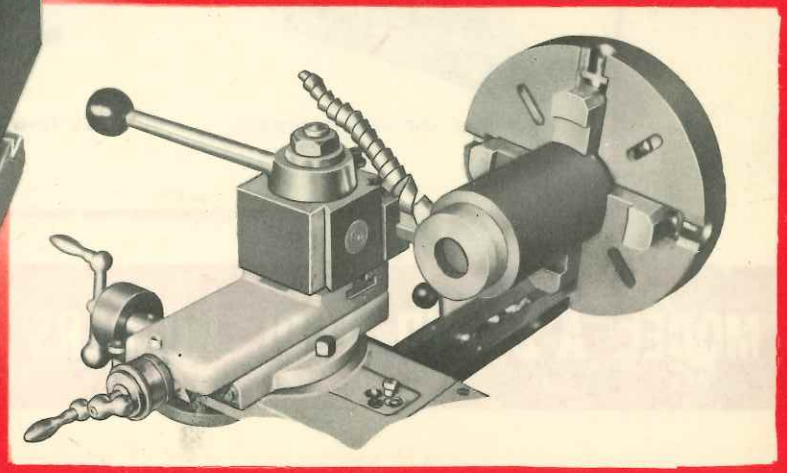
ALORIS "Quick Change"

TOOL POST & TOOL HOLDERS

FOR ALL LATHE OPERATIONS

Patented
Record 4/30/57



- FITS ALL LATHES
- EASILY INSTALLED
- GREATER RIGIDITY
- TOOLS QUICKLY CHANGED
- RUGGED CONSTRUCTION
- NO SHIMMING NECESSARY
- UNCONDITIONALLY GUARANTEED

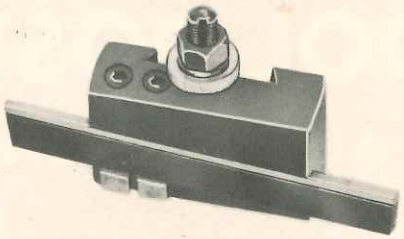
ALORIS

MODELS BX-CX-C-D FOR LATHES 11" TO 36"

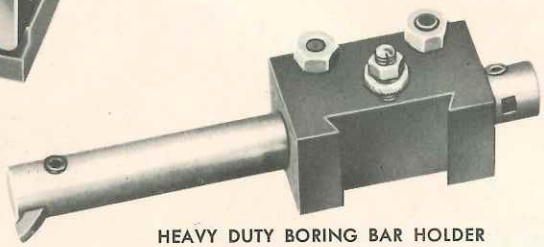
ALDRIS

TOOL POST

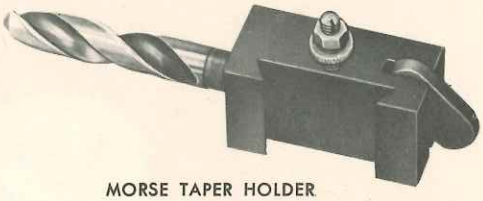
MULTIPLE TOOL HOLDER



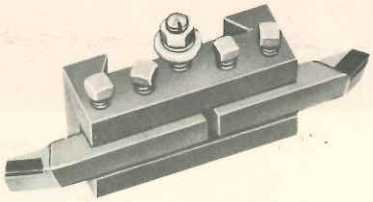
HOLDER FOR T CUT PARTING BLADES



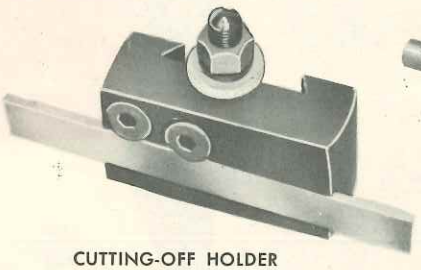
HEAVY DUTY BORING BAR HOLDER



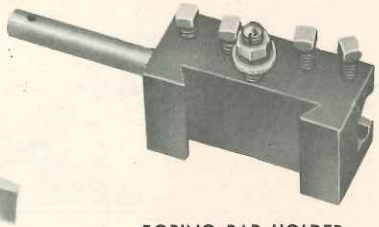
MORSE TAPER HOLDER



TURNING AND FACING HOLDER



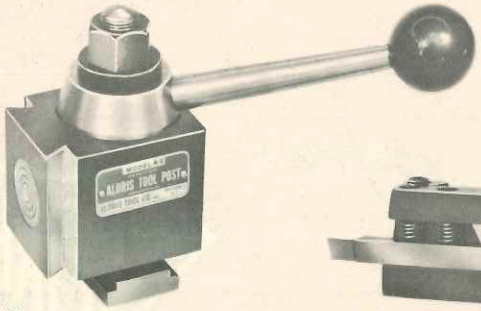
CUTTING-OFF HOLDER



BORING BAR HOLDER

MODEL A-2 AND TOOL HOLDERS

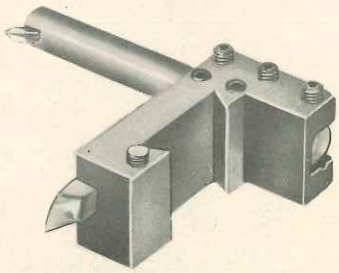
An economy unit especially designed for small lathes up to 11". The complete set includes the Tool Post and 3 Tool Holders which contain 4 tool bits and a boring bar.



TOOL POST

TURNING HOLDER

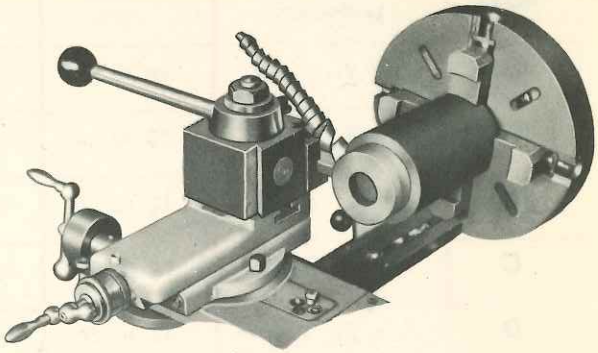
CUTTING-OFF HOLDER



COMBINATION TURNING & BORING HOLDER

Features of THE ALORIS TOOL POST & TOOL HOLDERS

The Aloris Tool Post is a tested and proven tool that fits all engine and turret lathes. It is sturdily constructed and simple to operate. All working surfaces are hardened and precision ground. A valuable tool in every shop for production runs, short runs, maintenance, and tool and die work. The Aloris Tool Post and its versatile tool holders will cut your operating costs and increase production on all types of lathe operations from fine precision work to heavy duty cutting without chatter and vibration.



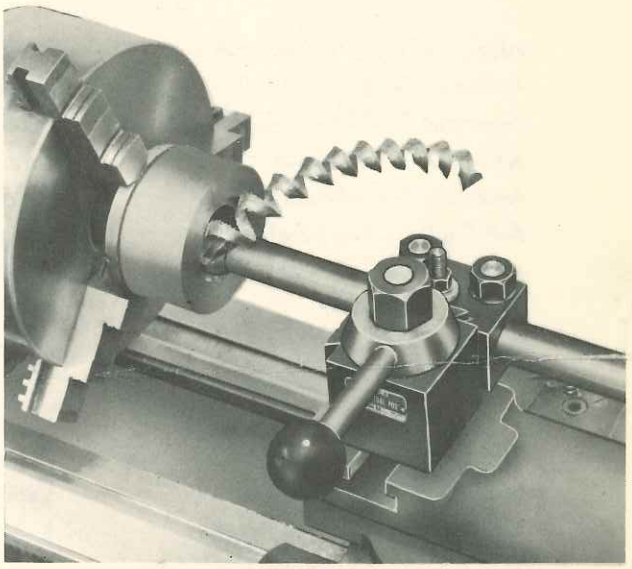
The greater rigidity of the Aloris Tool Post and Tool holders insures smoother turning without chatter or excessive vibration.

• EASILY INSTALLED

The tool post takes but a few minutes to install. It slips into T slot of the lathe and is firmly locked at any angle by a lock nut provided at the top of the tool post.

• CUTS SET-UP TIME

Once the tool post with the tool holder is rigidly locked in position for one operation, each succeeding set-up takes a few seconds. You simply flip the handle and slide out the tool holder and slide in the next holder with the locked-in tool bit ready for the next operation. No shims are needed. A screw is provided on each tool holder for precision height adjustments. Set-ups can be made at the bench by locking in the necessary tool bit in the holder and inserted in the tool post in the exact preset position, thus reducing costly idle machine time.



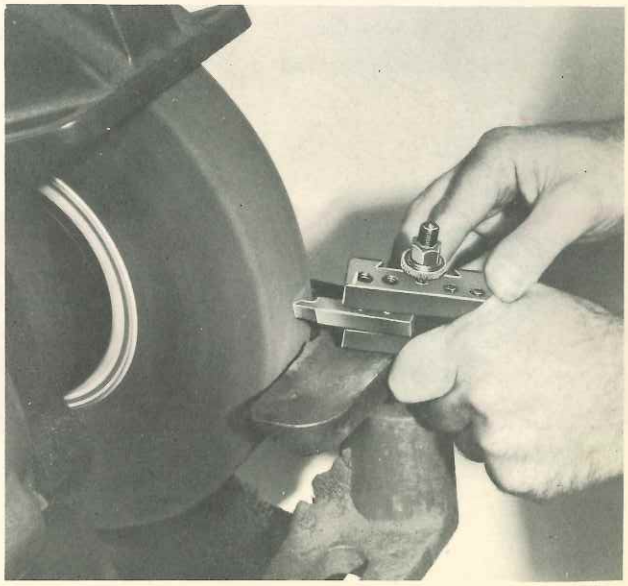
It takes but a few seconds to change from turning to boring.

• DUPLICATE JOBS

With the Aloris Tool Post and Tool Holders repeat set-ups are amazingly accurate and simple. The quick-change feature assures you of the same excellent job time after time with very close tolerances.

• GREATER RIGIDITY

The rugged construction of the Aloris Tool Post and the tight vise-like grip of the tool holder insures greater rigidity, assuring you of highly efficient work without chatter, especially when using Carbide tool bits. It prolongs the life of your tools which can be easily sharpened right in the holder.



Tools can be easily sharpened without removing from tool holder. The Aloris Tool Holder provides a more secure grip when grinding.

MODEL	TOOL POST DIMENSIONS	LATHE SIZE	TOOL BIT SIZE	CUTTING OFF	BORING BAR	HEAVY DUTY BORING BAR	MULTIPLE HOLDER	MORSE TAPER
A-2	2 x 2½ x 2"	up to 11"	3/16 to 3/8"	½"	¼ to 5/8"	.....	¼ to ½"	.....
BX	3 x 3 x 2⅜"	10 to 14"	¼ to 5/8"	5/8 to 1 1/16	¼ to 5/8"	¾ to 1"	¼ to ½"	#2
CX	3 x 3 x 2¾"	13 to 16"	½ to ¾"	¾"	½ to ¾"	¾ to 1"	⅜ to 5/8"	#3
C	4 x 4 x 3¾"	14 to 20"	½ to 1"	⅞"	½ to ⅞"	1 to 1¼"	½ to ⅞"	#3
D	5 x 5 x 4"	17 to 36"	¾ to 1¼"	1⅛"	½ to 1¼"	1¼ to 1½"	½ to 1"	#4

SOME OF THE COMPANIES USING THE ALORIS TOOL POST AND TOOL HOLDERS

Aluminum Corporation of America
American Brass Company
American Tool Works Company
All-Meta; Products Co.
American Time Products
A-P Controls Corporation
Argonne National Laboratory
Arma Corporation
Auto-Lite Battery Corporation
Berger Machine Products, Inc.
B-H Instrument Company
Bulova Watch Company
Bloomfield Tool Company
Crucible Steel Co. of America
E. I. duPont deNemours Co.
Durham Aircraft Service
Eastman Kodak Co.
Eclipse-Pioneer Co.
Electrol, Incorporated
E. A. Everett, Inc.
Franklin Machine Co.
Ford Instrument Co.
Formica Company
Fieldston Products Co.
General Electric Corp.
Grumman Aircraft Engineering Co.
Gulf Oil Corporation
Heli-Coil Corporation
Himoff Machine Company, Inc.
Humble Oil & Refining Co.
Imperial Brass Manufacturing Co.
Lepel High Frequency Laboratories
L. M. Gear Company
Line Material Company
Marquardt Aircraft Co.
Metal & Controls Corp.
Morey Machinery Co.
New York University
Nutone, Inc.
Nelson Machine Company
North Penn Machine & Tool Co.
Otis Elevator Company
Panelyte St. Regis Paper Co.
Pentagon Metal Products Corp.
Radio Corporation of America
Raybestos-Manhattan, Inc.
Sheldon Machine Co., Inc.
Specialties, Inc.
Steiner-Ives Company
Sylvania Electric Co.
Tudor Industries, Inc.
United States Naval Shipyards
Vahl Engineering Co.
Versa Products Company
Voltarc Tubes, Inc.
Westinghouse Electric Corp.
Whitten Bros. Drilling Co.
Zarkin Machine Co., Inc.

ALORIS

MANUFACTURED BY

ALORIS TOOL CO., INC.

131-37 SANFORD AVENUE
FLUSHING 55, N. Y.

DISTRIBUTED BY

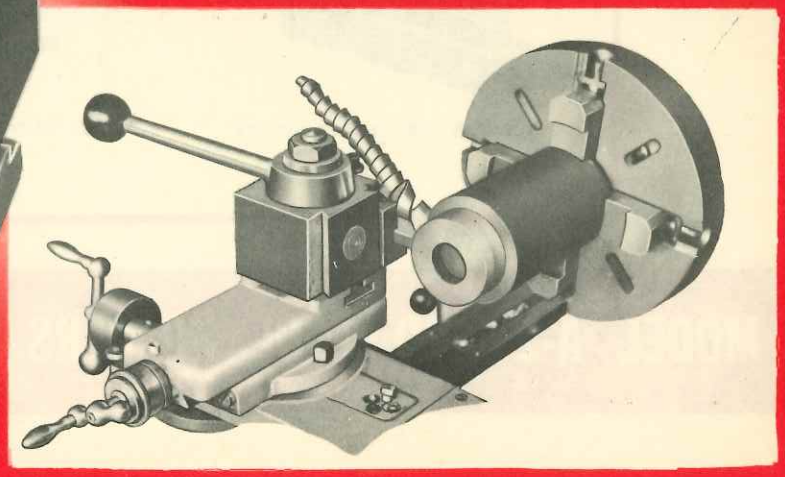
Catalog 82-161

ALORIS "Quick Change"

TOOL POST & TOOL HOLDERS

FOR ALL LATHE OPERATIONS

Patented
Reissued 4/30/54



- FITS ALL LATHES
- EASILY INSTALLED
- GREATER RIGIDITY
- TOOLS QUICKLY CHANGED
- RUGGED CONSTRUCTION
- NO SHIMMING NECESSARY
- UNCONDITIONALLY GUARANTEED

82-161

ALORIS

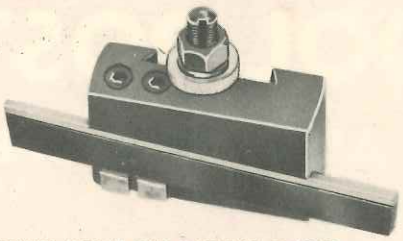
MODELS BX-CX-C-D FOR LATHES 11" TO 36"

ALORIS

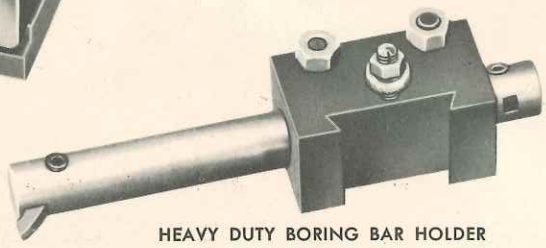
82/37

TOOL POST

MULTIPLE TOOL HOLDER

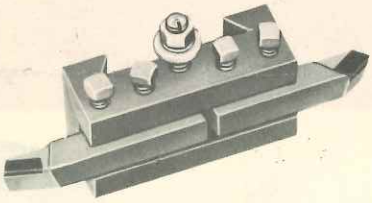


HOLDER FOR T CUT PARTING BLADES

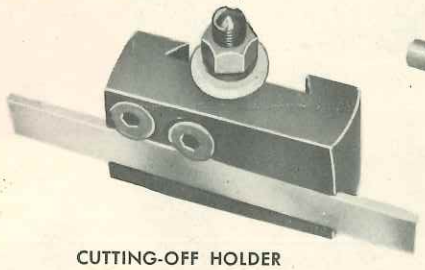


HEAVY DUTY BORING BAR HOLDER

MORSE TAPER HOLDER



TURNING AND FACING HOLDER

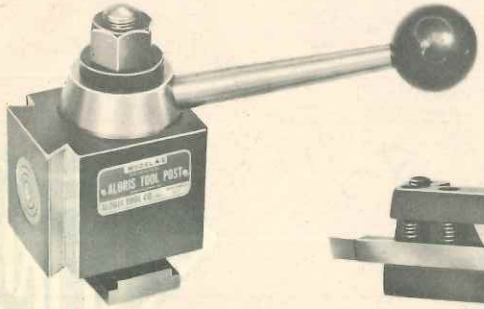


CUTTING-OFF HOLDER

BORING BAR HOLDER

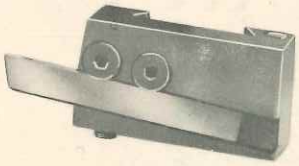
MODEL A-2 AND TOOL HOLDERS

An economy unit especially designed for small lathes up to 11". The complete set includes the Tool Post and 3 Tool Holders which contain 4 tool bits and a boring bar.

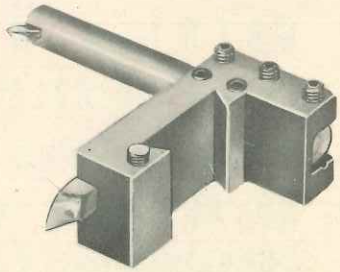


TOOL POST

TURNING HOLDER



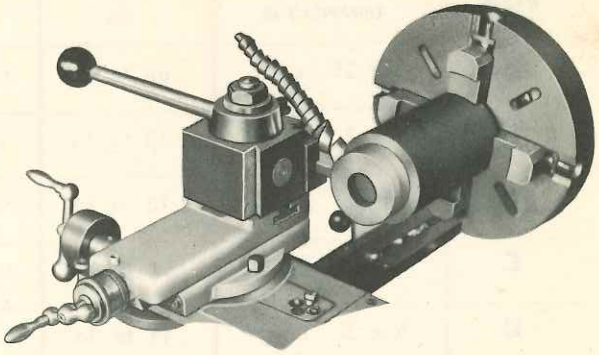
CUTTING-OFF HOLDER



COMBINATION TURNING & BORING HOLDER

Features of THE ALORIS TOOL POST & TOOL HOLDERS

The Aloris Tool Post is a tested and proven tool that fits all engine and turret lathes. It is sturdily constructed and simple to operate. All working surfaces are hardened and precision ground. A valuable tool in every shop for production runs, short runs, maintenance, and tool and die work. The Aloris Tool Post and its versatile tool holders will cut your operating costs and increase production on all types of lathe operations from fine precision work to heavy duty cutting without chatter and vibration.



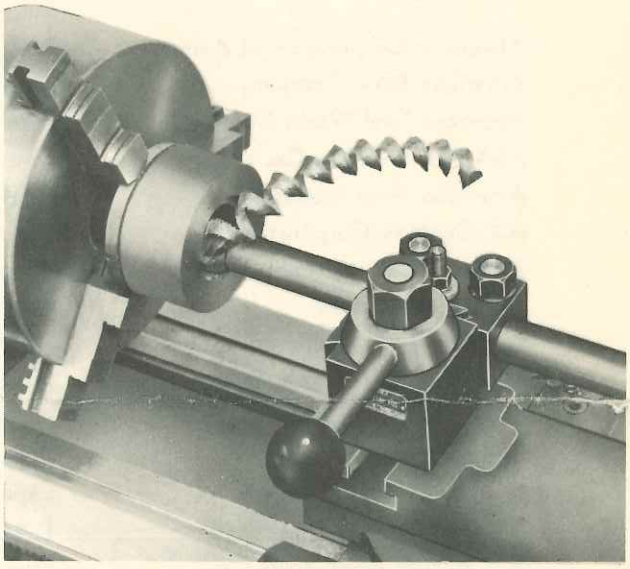
The greater rigidity of the Aloris Tool Post and Tool holders insures smoother turning without chatter or excessive vibration.

• EASILY INSTALLED

The tool post takes but a few minutes to install. It slips into T slot of the lathe and is firmly locked at any angle by a lock nut provided at the top of the tool post.

• CUTS SET-UP TIME

Once the tool post with the tool holder is rigidly locked in position for one operation, each succeeding set-up takes a few seconds. You simply flip the handle and slide out the tool holder and slide in the next holder with the locked-in tool bit ready for the next operation. No shims are needed. A screw is provided on each tool holder for precision height adjustments. Set-ups can be made at the bench by locking in the necessary tool bit in the holder and inserted in the tool post in the exact preset position, thus reducing costly idle machine time.



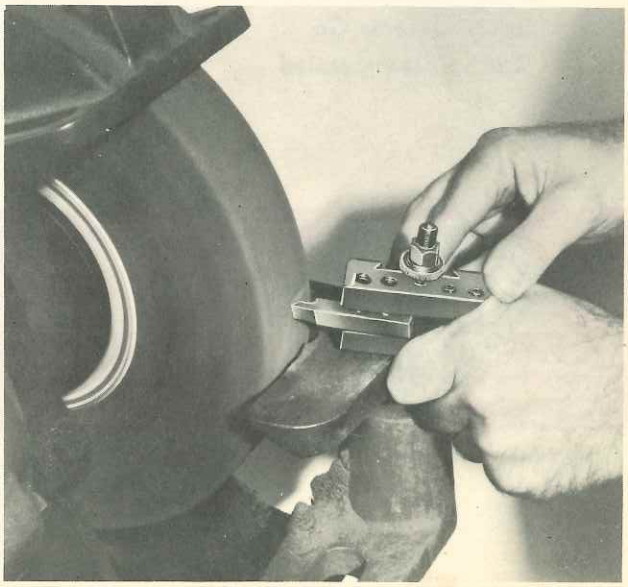
It takes but a few seconds to change from turning to boring.

• DUPLICATE JOBS

With the Aloris Tool Post and Tool Holders repeat set-ups are amazingly accurate and simple. The quick-change feature assures you of the same excellent job time after time with very close tolerances.

• GREATER RIGIDITY

The rugged construction of the Aloris Tool Post and the tight vise-like grip of the tool holder insures greater rigidity, assuring you of highly efficient work without chatter, especially when using Carbide tool bits. It prolongs the life of your tools which can be easily sharpened right in the holder.



Tools can be easily sharpened without removing from tool holder. The Aloris Tool Holder provides a more secure grip when grinding.

MODEL	TOOL POST DIMENSIONS	LATHE SIZE	TOOL BIT SIZE	CUTTING OFF	BORING BAR	HEAVY DUTY BORING BAR	MULTIPLE HOLDER	MORSE TAPER
A-2	2 x 2½ x 2"	up to 11"	3/16 to 3/8"	½"	¼ to 5/8"	.....	¼ to ½"	.....
BX	3 x 3 x 2⅜"	10 to 14"	¼ to 5/8"	5/8 to 11/16	¼ to 5/8"	¾ to 1"	¼ to ½"	#2
CX	3 x 3 x 2¾"	13 to 16"	½ to ¾"	¾"	½ to ¾"	¾ to 1"	⅜ to 5/8"	#3
C	4 x 4 x 3¾"	14 to 20"	½ to 1"	⅞"	½ to ⅞"	1 to 1¼"	½ to ⅞"	#3
D	5 x 5 x 4"	17 to 36"	¾ to 1¼"	1⅛"	½ to 1¼"	1¼ to 1½"	½ to 1"	#4

SOME OF THE COMPANIES USING THE ALORIS TOOL POST AND TOOL HOLDERS

Aluminum Corporation of America
American Brass Company
American Tool Works Company
All-Meta; Products Co.
American Time Products
A-P Controls Corporation
Argonne National Laboratory
Arma Corporation
Auto-Lite Battery Corporation
Berger Machine Products, Inc.
B-H Instrument Company
Bulova Watch Company
Bloomfield Tool Company
Crucible Steel Co. of America
E. I. duPont deNemours Co.
Durham Aircraft Service
Eastman Kodak Co.
Eclipse-Pioneer Co.
Electrol, Incorporated
E. A. Everett, Inc.
Franklin Machine Co.
Ford Instrument Co.
Formica Company
Fieldston Products Co.
General Electric Corp.
Grumman Aircraft Engineering Co.
Gulf Oil Corporation
Heli-Coil Corporation
Himoff Machine Company, Inc.
Humble Oil & Refining Co.
Imperial Brass Manufacturing Co.
Lepel High Frequency Laboratories
L. M. Gear Company
Line Material Company
Marquardt Aircraft Co.
Metal & Controls Corp.
Morey Machinery Co.
New York University
Nutone, Inc.
Nelson Machine Company
North Penn Machine & Tool Co.
Otis Elevator Company
Panelyte St. Regis Paper Co.
Pentagon Metal Products Corp.
Radio Corporation of America
Raybestos-Manhattan, Inc.
Sheldon Machine Co., Inc.
Specialties, Inc.
Steiner-Ives Company
Sylvania Electric Co.
Tudor Industries, Inc.
United States Naval Shipyards
Vahl Engineering Co.
Versa Products Company
Voltarc Tubes, Inc.
Westinghouse Electric Corp.
Whitten Bros. Drilling Co.
Zarkin Machine Co., Inc.

MANUFACTURED BY
ALORIS TOOL CO., INC.
131-37 SANFORD AVENUE
FLUSHING 55, N. Y.

DISTRIBUTED BY